

USEFUL CIRCUITS

Two input alarm circuit with time delay and two tone output

Most alarm or warning systems have a two tone sounder rather than a single tone sounder. The Astable circuit provides the two tone effect from on to off (Or high to low).

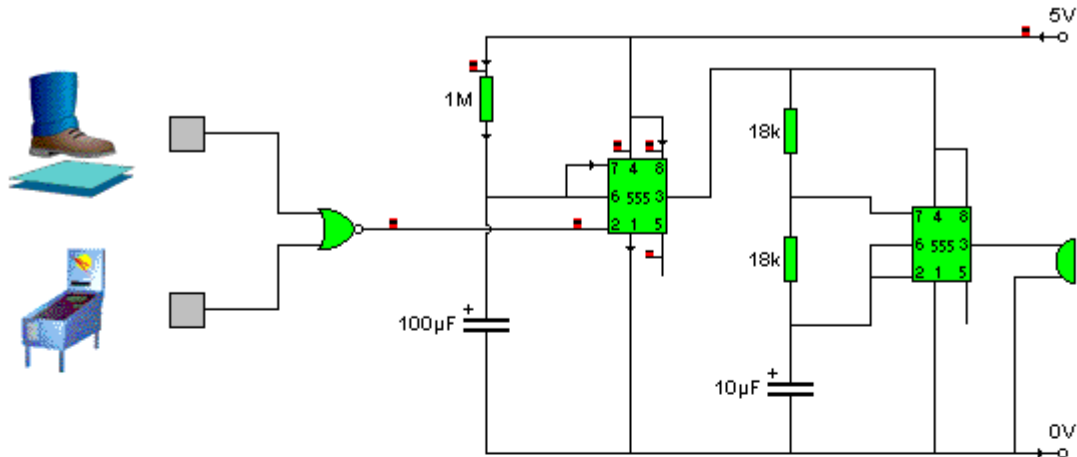


Fig 1.7

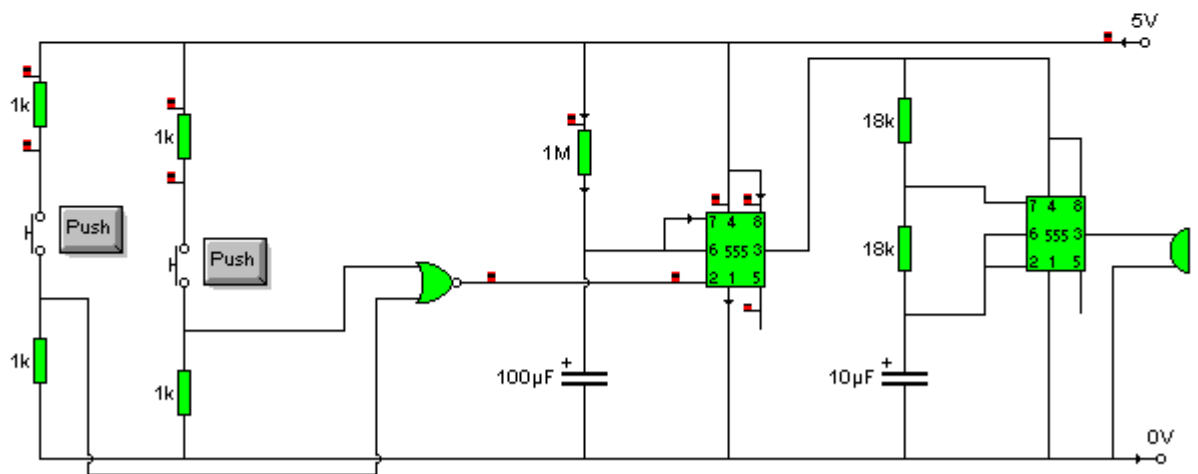


Fig 1.8

The rate at which the Astable switches from high to low can be altered by changing the values of the two 18K resistors. Each of these resistors needs to have the same value. For a faster on to off siren, decrease the values, for slower, increase them.